

## **CURRICULUM VITAE**

### **EUGENE W. SCHWILKE, B.S., A.B.F.T.**

#### **Forensic Toxicologist**

Washington State Toxicology Laboratory  
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#### **EMPLOYMENT**

**Forensic Toxicologist** - Washington State Toxicology Laboratory, Seattle, WA June 1997 to Present

**Research Technologist** - Washington State Toxicology Laboratory, Seattle, WA May 1996 to June 1997

#### **EDUCATION**

**Bachelor of Science** - Wildlife Science (Emphasis in Environmental Toxicology), University of Washington, Seattle, WA 1995

#### **CERTIFICATIONS**

**ABFT - Forensic Toxicology Specialist** Accreditation received from the American Board of Forensic Toxicology, February 2002

**Certified Blood Alcohol Analyst** - Washington State Toxicology Laboratory, 11/1/96 to 10/31/99 and 2/3/00 to present

#### **COURSES AND TRAINING**

**The A-Z of Marijuana**, Canadian Society of Forensic Sciences Drugs and Driving Workshop, Vancouver, BC, March 2003

**Rave On! Chemical Drugs and the Rave Culture**, Canadian Society of Forensic Sciences Drugs and Driving Workshop, Vancouver, BC, March 2003

**Is This Driver Impaired By Drugs? Can Blood Drug Concentrations and a DRE Opinion Answer this Question?** - American Academy of Forensic Sciences Meeting, Atlanta, GA, February 2002

**GHB: Old Substance, New Problem** - American Academy of Forensic Sciences Meeting, Atlanta, GA, February 2002

**DWI Detection and Standardized Field Sobriety Testing** - USDOT, National Highway Traffic Safety Administration, Seattle Police Department, November 2001

**Ethanol** - Seminar covering Correlation of Results, Matrix, Post Mortem Samples, DUI Specimens, and other topics, Society of Forensic Toxicologists Meeting, New Orleans, LA, October 2001

**Marijuana: A Forensic Symposium** - Society of Forensic Toxicologists Meeting, Milwaukee WI, October 2000

**Benzodiazepines: Pharmacological and Analytical challenges** - Society of Forensic Toxicologists Meeting, Milwaukee WI, October 2000

**The Rave Culture, Ravers and Their Drugs** - DRE Seminar, Jim Mock, Cheney WA, July 2000

**Issues in Urine Testing for Amphetamine and Methamphetamine** - Teleconference conducted by Dr. Leo Kadahjian, Washington State Toxicology Laboratory, Seattle WA, April 1999

**Everything You Always Wanted to Know About SYVA EMIT Chemistries** - Seminar by Carolyn Steinmentz, Washington State Toxicology Laboratory, Seattle WA, April 1999

**Tricyclic Antidepressants: Use and Detection** - Teleconference conducted by Dr. Leo Kadahjian, Washington State Toxicology Laboratory, Seattle WA, March 1999

**Validation of Field Sobriety Tests at 0.05 and 0.08 , and Effects of Low Levels of Alcohol and Driving** - Marcelline burns Ph.D., Washington State Toxicology Laboratory, Seattle WA, November 1998

**Horizontal Gaze Nystagmus and its Forensic Applications** - Robert L. Yolton, Ph.D., O.D. Washington State Toxicology Laboratory, Seattle, WA, December 1997

**Tests for BAC in Highway Safety Programs: Supervision and Expert Testimony** - Center for Studies of Law in Action, Bloomington, IN, December 1997

**Courtroom Testimony Skills** - Washington Criminal Justice Training Commission, Mount Vernon, WA, June 1997

**Alcohol and Drug Impaired Driving** - Criminal Justice Training Center, Burien, WA, April 1997

**Solid Phase Extraction Techniques and Principals** - Varian Course, Seattle, WA, December 1996

**Intermediate Mass Spectral Interpretation** - Hewlett-Packard, Northwest Association of Forensic Scientists, Salt Lake City, UT, September 1996

**Senior Thesis - Affects of Glyphosate® on *Anabaena*. Determining LC50 and Dose Response Relationships**, University of Washington, Seattle, WA, March 1996

**How to Write a Scientific Paper** - American Academy of Forensic Sciences Meeting, Seattle, WA, February 1995

**Internet for Forensic Scientists** - American Academy of Forensic Sciences Meeting, Seattle, WA, February 1995

## **OTHER TRAINING AND EXPERIENCE**

Drinking Lab Observer - Washington State Toxicology Laboratory, Seattle, WA

Drinking Lab Participant - Washington State Toxicology Laboratory, Seattle, WA

## **PUBLICATIONS AND PRESENTATIONS**

Schwilke EW, Friel PN, Logan BK, **Detection of Nefazodone in Whole Blood by GCMS** - Presented at the Society of Forensic Toxicologists Meeting, Milwaukee WI, October 2000

Blaho KE, Logan BK, Winbery SL, ParkL, Schwilke EW, **Blood Cocaine and Metabolite Concentrations, Clinical Findings, and Outcomes of Patients Presenting to an Emergency Department** - *American Journal of Emergency Medicine* Sep;18(5):593-8

Winbery SL, Blaho KE, Logan BK, Schwilke EW, Karch SA, **CNS Catastrophes Presenting as a Common Adverse Event to Acute Cocaine Use** - Presented at the Society of Forensic Toxicology meeting, Puerto Rico, October 1999

Logan BK, Blaho KE, Winbery SL, Schwilke EW, Harruff RC, **Cocaine and Metabolite Concentrations after Swallowing Illicit Cocaine** - Society of Forensic Toxicologists meeting, Puerto Rico, October 1999

Schwilke EW, Logan BK, **Comparison of DRE Opinions and Toxicology Results in 204 Consecutive Cases** - Presented at the American Academy of Forensic Sciences meeting, Orlando FL, February 1999

Schwilke EW, Logan BK, **Ante/Post Mortem Kinetics of Cocaine in Juvenile Swine** - Presented at the Society of Forensic Toxicologists meeting, Salt Lake City UT, October 1997

Logan BK, Schwilke EW, **Drug and Alcohol use in Fatally Injured Drivers of Washington State**, *Journal of Forensic Sciences* 1996; 41:505-510

Schwilke EW, Logan BK, Smirnow D, **Evaluation of a Method that Isolates and Quantitates Ecgonine and Other Cocaine Metabolites in Whole Blood** - Presented at the Northwest Association of Forensic Scientists Meeting, Salt Lake City UT, October 1996